

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/11082

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61F2/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | US 5 534 007 A (OLSON SCOTT A ET AL) 9 July 1996 (1996-07-09) the whole document --- | 1,3,4,7, 8 |
| A | EP 1 095 634 A (CORDIS CORP) 2 May 2001 (2001-05-02) paragraphs '0030!-'0037!, '0047!-'0050!; figures --- | 1,5,14 |
| A | WO 97 07756 A (LOCALMED INC) 6 March 1997 (1997-03-06) page 16, line 29 -page 19, line 23 --- | 1-5 |
| A | EP 0 611 556 A (ADVANCED CARDIOVASCULAR SYSTEM) 24 August 1994 (1994-08-24) the whole document --- | 1-3,6,7 -/- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| A | EP 1 084 728 A (ANGIODYNAMICS LTD) 21 March 2001 (2001-03-21) abstract; figures --- | 1,2 |
| A | EP 0 380 873 A (BARD INC C R) 8 August 1990 (1990-08-08) cited in the application abstract; figures --- | 1,2 |
| A | WO 01 64134 A (SCIMED LIFE SYSTEMS INC) 7 September 2001 (2001-09-07) abstract; figure 4 ----- | 1,3,4 |

INTERNATIONAL SEARCH REPORT

| | |
|-----------------|-----------------------|
| In | Patent Application No |
| PCT/EP 02/11082 | |

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|---|------------------|----|---|--|--|
| US 5534007 | A | 09-07-1996 | | CA 2219658 A1 EP 0825839 A1 JP 11505162 T WO 9636298 A1 | | 21-11-1996 04-03-1998 18-05-1999 21-11-1996 |
| EP 1095634 | A | 02-05-2001 | EP | 1095634 A2 | | 02-05-2001 |
| WO 9707756 | A | 06-03-1997 | | AU 6960196 A EP 0847259 A1 JP 11511361 T WO 9707756 A1 US 5776141 A | | 19-03-1997 17-06-1998 05-10-1999 06-03-1997 07-07-1998 |
| EP 0611556 | A | 24-08-1994 | | US 5360401 A CA 2115887 A1 DE 69426612 D1 DE 69426612 T2 EP 0611556 A1 JP 3037055 B2 JP 7047133 A | | 01-11-1994 19-08-1994 01-03-2001 03-05-2001 24-08-1994 24-04-2000 21-02-1995 |
| EP 1084728 | A | 21-03-2001 | EP | 1084728 A1 | | 21-03-2001 |
| EP 0380873 | A | 08-08-1990 | | AU 633290 B2 AU 4679489 A CA 2008784 A1 DE 8916283 U1 DE 68915150 D1 DE 68915150 T2 EP 0380873 A2 EP 0638327 A1 ES 2049204 T1 JP 1821104 C JP 2277465 A JP 5028634 B US 5980486 A US 6129708 A US 5728067 A | | 28-01-1993 02-08-1990 30-07-1990 15-05-1997 09-06-1994 13-10-1994 08-08-1990 15-02-1995 16-04-1994 27-01-1994 14-11-1990 26-04-1993 09-11-1999 10-10-2000 17-03-1998 |
| WO 0164134 | A | 07-09-2001 | | US 6391050 B1 WO 0164134 A1 | | 21-05-2002 07-09-2001 |